

IN THE CLAIMS:

Please revise the claims as follows. Claims 7-9 are canceled without prejudice or disclaimer. Claims 1, 2, 10, and 13-20 remain.

1. (Previously presented) A liquid-crystal display comprising:

 a liquid-crystal layer provided between a pair of substrates so as to be oriented to bend alignment;

 a phase compensation plate provided for an outside of each of the substrates; and
 a color filter including a blue color formed on either one of said pair of substrates, a wavelength of a light judged as blue by a person being 380 to 488 nm,

 whereto a retardation of a light passing through said liquid-crystal layer and said phase compensation plates is limited to a value 1/2 or less of a minimum wavelength of said light relating to display, said minimum wavelength of light is set in accordance with the blue color, thereby monotonously decreasing a transmittance of light throughout a transmittance wavelength of the color filter as an applied voltage rises during a predetermined range of driving voltage.

2. (Original Claim) The liquid-crystal display according to claim 1, wherein a birefringent index of a liquid-crystal molecule in said liquid-crystal layer is equal to or less than 0.16.

3-9. (Canceled)

10. (Previously presented) A liquid-crystal display comprising:

- a first substrate;
- a common electrode and a plurality of color filters on said first substrate, said color filters including a plurality of colors, one of said colors having a shortest color wavelength, said shortest wavelength color corresponding to a blue color and falling in a range between 380 nm and 488 nm;
- a second substrate supporting a plurality of electrodes;
- a liquid-crystal layer provided between said color filters and said second substrate, said liquid-crystal layer having a predetermined range of driving voltages in a bend alignment orientation state; and
- a phase compensation plate outside each of said first substrate and said second substrate,

wherein said liquid-crystal layer is formed such that, during said predetermined range of driving voltages, a retardation of a light passing through said liquid-crystal layer and said phase compensation plates is limited in range between zero and a value of 1/2 of said shortest color wavelength, thereby monotonously decreasing a transmittance of light throughout a transmittance wavelength of the color filter as an applied voltage rises.

11-12. (Canceled)

13. (Previously presented) The liquid-crystal display of claim 1, further comprising:

- a circuit to selectively apply a voltage across said liquid-crystal layer, said voltage being equalized for all colors in said liquid-crystal display, said phase compensation plate

allowing a same transmittance of all colors, given the same driving voltage.

14. (Previously presented) The liquid-crystal display of claim 1, wherein a birefringent index of a liquid-crystal molecule in said liquid-crystal layer is set so that said liquid-crystal operates in an optically compensated birefringence (OCB) mode.

15. (Previously presented) The liquid-crystal display according to claim 1, wherein said minimum wavelength is based on a color having said minimum wavelength among colors relating to color display as determined by color filters comprising said liquid-crystal display and a filter having said minimum wavelength has a transmittance peak at approximately 430 nm wavelength as a blue light.

16. (Previously presented) The liquid-crystal display according to claim 15, wherein said blue light color filter comprises a first filter color of said liquid-crystal display, said liquid-crystal display further comprising a second color filter and said second color filter is for a red color having a transmittance peak at approximately 640 nm.

17. (Previously presented) The liquid-crystal display of claim 10, wherein a single power supply is used to selectively apply voltages to said plurality of electrodes

18. (Previously presented) The liquid-crystal display of claim 10, wherein a birefringent index of a liquid-crystal molecule in said liquid-crystal layer is set so that said liquid-crystal

operates in an optically compensated birefringence (OCB) mode.

19. (Previously presented) The liquid-crystal display according to claim 10, wherein said minimum wavelength is based on a color having said minimum wavelength among colors relating to color display as determined by color filters comprising said liquid-crystal display and a filter having said minimum wavelength has a transmittance peak at approximately 430 nm wavelength as a blue light.

20. (Previously presented) The liquid-crystal display according to claim 19, wherein said blue light color filter comprises a first filter color of said liquid-crystal display, said liquid-crystal display further comprising second color filter for a red color having a transmittance peak at approximately 640 nm.